MANY TIMES WE GET THE QUESTIONS, "HOW DO YOU SIZE THE CONDENSER WITH YOUR EVAPORATOR?". HERE ARE SOME HELPFUL GUIDELINES WHEN SIZING.

- **SELECT CONDENSING UNIT WITH A LOWER CAPACITY THAN THE EVAPORATOR (90% to 100% OF EVAPORATOR)**
- **DESIGN POINT - 38° SST (USE 40°F FOR SIZING PURPOSES) IF RUNNING ROOM AT 55°**
- **GOLDILOCKS TYPE OF CONDITIONS**
  - **USE A GOOD AVERAGE TEMPERATURE NOT WORST CASE SCENARIO**
  - **ON HOT DAYS JUST LET THE SYSTEM RUN A LITTLE LONGER FOR THE OUT OF BOUNDS CONDITIONS**
    - **ROOMS ARE SIZED FOR 16 HOUR RUN DAY**
  - **LOAD ON EVAPORATOR IS CONSTANT- ITS THE CONDENSING UNIT THAT NEEDS TO RUN A LITTLE LONGER**
  - **SIZE TO A REASONABLE AMBIENT TEMPERATURE**
    - **IS IT INSIDE?**
    - **IS IT OUTSIDE?**
    - **EXAMPLES**
      - **SAN DIEGO- SIZE FOR 80° NOT 110°**
      - **PALM SPRINGS- SIZE FOR 100° OR SO AND LET IT RUN LONGER ON THE HOTTEST TIMES OF THE YEAR**
  - **PUT A FAN CYCLING SWITCH ON THE CU TO KEEP THE HEAD PRESSURE UP TO 80° OR BETTER AMBIENT CONDITIONS TO PROTECT DURING LOW AMBIENT TIMES.**
  - **CONDENSING UNIT SHOULD HAVE A SUCTION ACCUMULATOR**

SO TO SUM IT ALL UP: SIZE AT A SLIGHTLY LOWER LOAD THAN WHAT THE ROOM IS, AT A PLUS 40° SST, AT A REASONABLE AMBIENT TEMPERATURE.